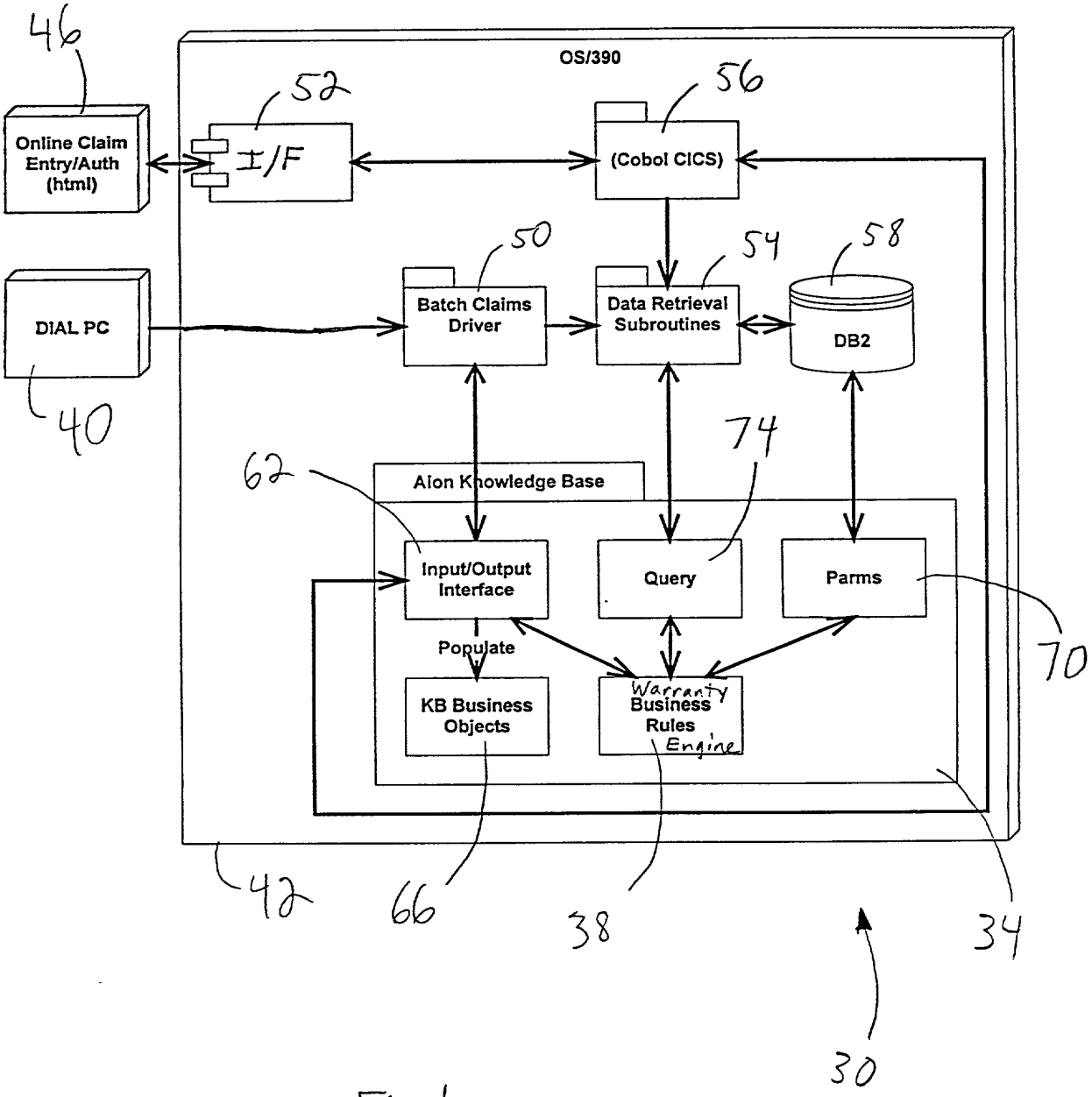
46
OS/390
52
56
Online Claim Entry/Auth (html)
I/F
(Cobol CICS)
50
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58
DIAL PC
Batch Claims Driver
Data Retrieval Subroutines
DB2
40
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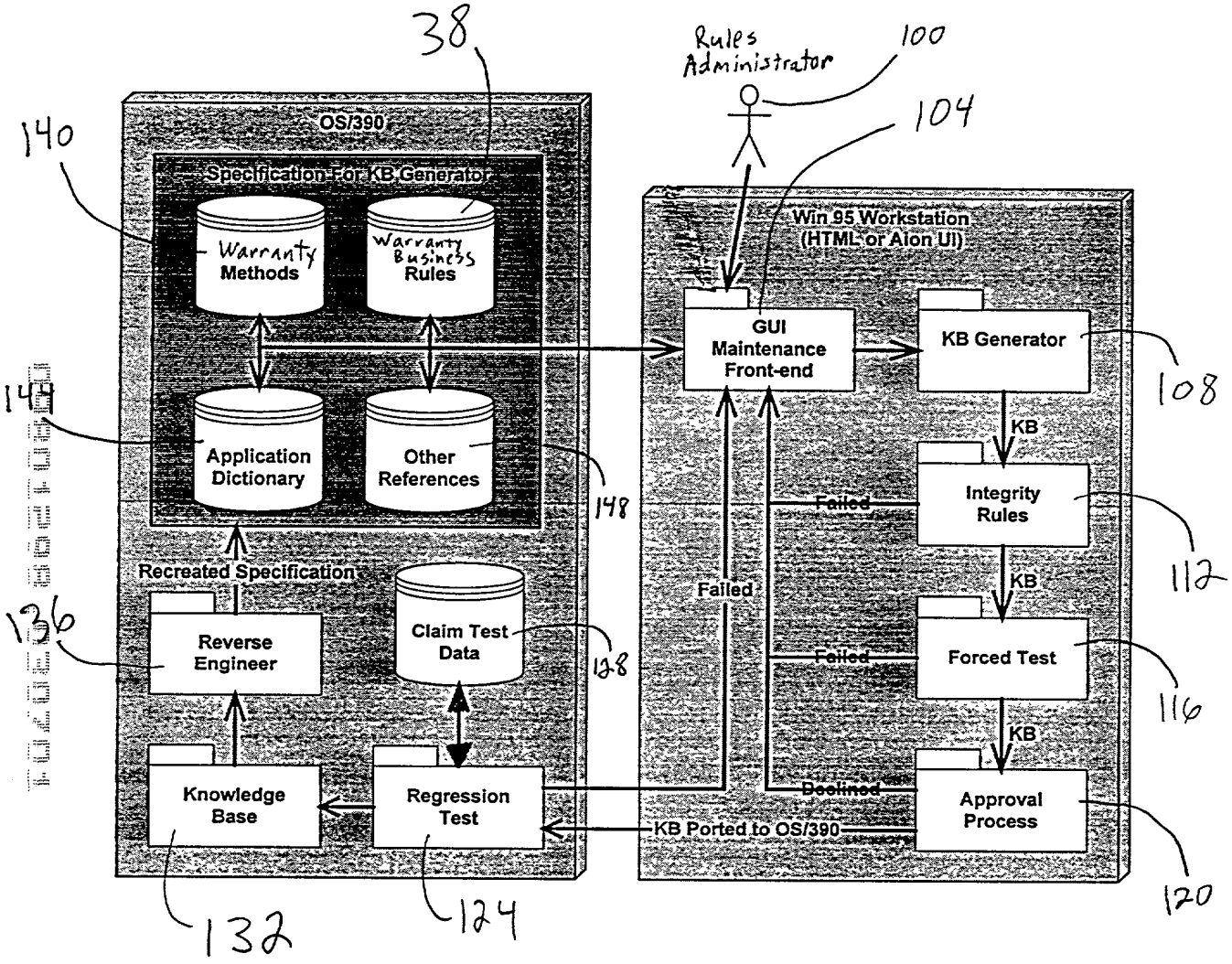
62
Aion Knowledge Base
Input/Output Interface
Query
Parms
70
Populate
KB Business Objects
Warranty Business Rules Engine
42
66
38
34
30

Fig. 1


38
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100
104
140
OS/390
Specification For KB Generator
Warranty Methods
Warranty Business Rules
Win 95 Workstation (HTML or Aion UI)
GUI Maintenance Front-end
KB Generator
108
KB
Application Dictionary
Other References
148
Failed
Integrity Rules
112
KB
Recreated Specification
Failed
Claim Test Data
128
Reverse Engineer
136
Failed
Forced Test
116
KB
Declined
Knowledge Base
Regression Test
KB Ported to OS/390
Approval Process
120
132
124

Fig. 2

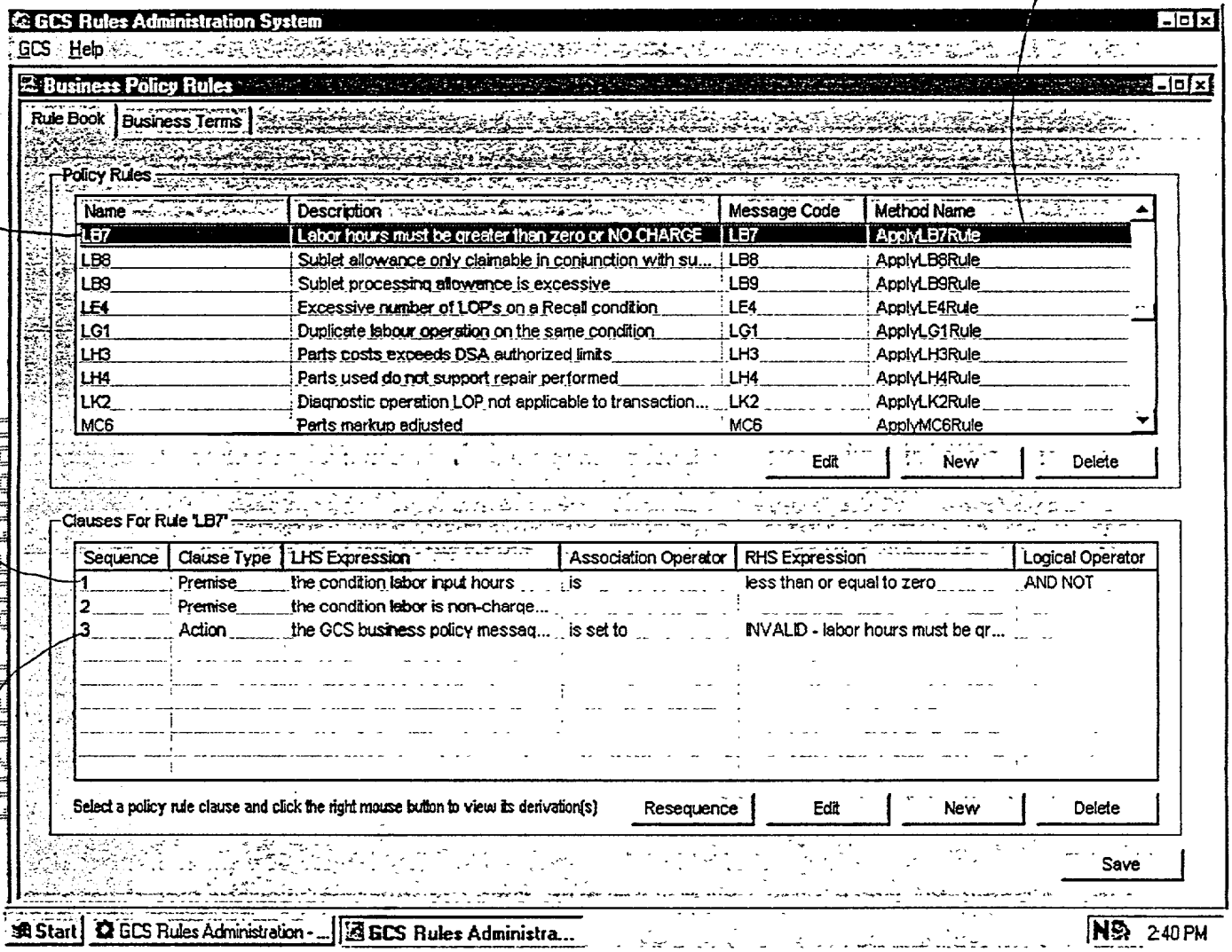
205
GCS Rules Administration System
GCS Help
Business Policy Rules
Rule Book
Business Terms
200
Policy Rules
Name
Description
Message Code
Method Name
LB7
Labor hours must be greater than zero or NO CHARGE
LB7
ApplyLB7Rule
LB8
Sublet allowance only claimable in conjunction with su...
LB8
ApplyLB8Rule
LB9
Sublet processing allowance is excessive
LB9
ApplyLB9Rule
LE4
Excessive number of LOP's on a Recall condition
LE4
ApplyLE4Rule
LG1
Duplicate labour operation on the same condition
LG1
ApplyLG1Rule
LH3
Parts costs exceeds DSA authorized limits
LH3
ApplyLH3Rule
LH4
Parts used do not support repair performed
LH4
ApplyLH4Rule
LK2
Diagnostic operation LOP not applicable to transaction...
LK2
ApplyLK2Rule
MC6
Parts markup adjusted
MC6
ApplyMC6Rule
Edit
New
Delete
202
Clauses For Rule 'LB7'
Sequence
Clause Type
LHS Expression
Association Operator
RHS Expression
Logical Operator
1
Premise
the condition labor input hours
is
less than or equal to zero
AND NOT
2
Premise
the condition labor is non-charge...
3
Action
the GCS business policy messag...
is set to
INVALID - labor hours must be gr...
204
Select a policy rule clause and click the right mouse button to view its derivation(s)
Resequence
Edit
New
Delete
Save
Start
GCS Rules Administration - ...
GCS Rules Administra...
2:40 PM

Fig. 3

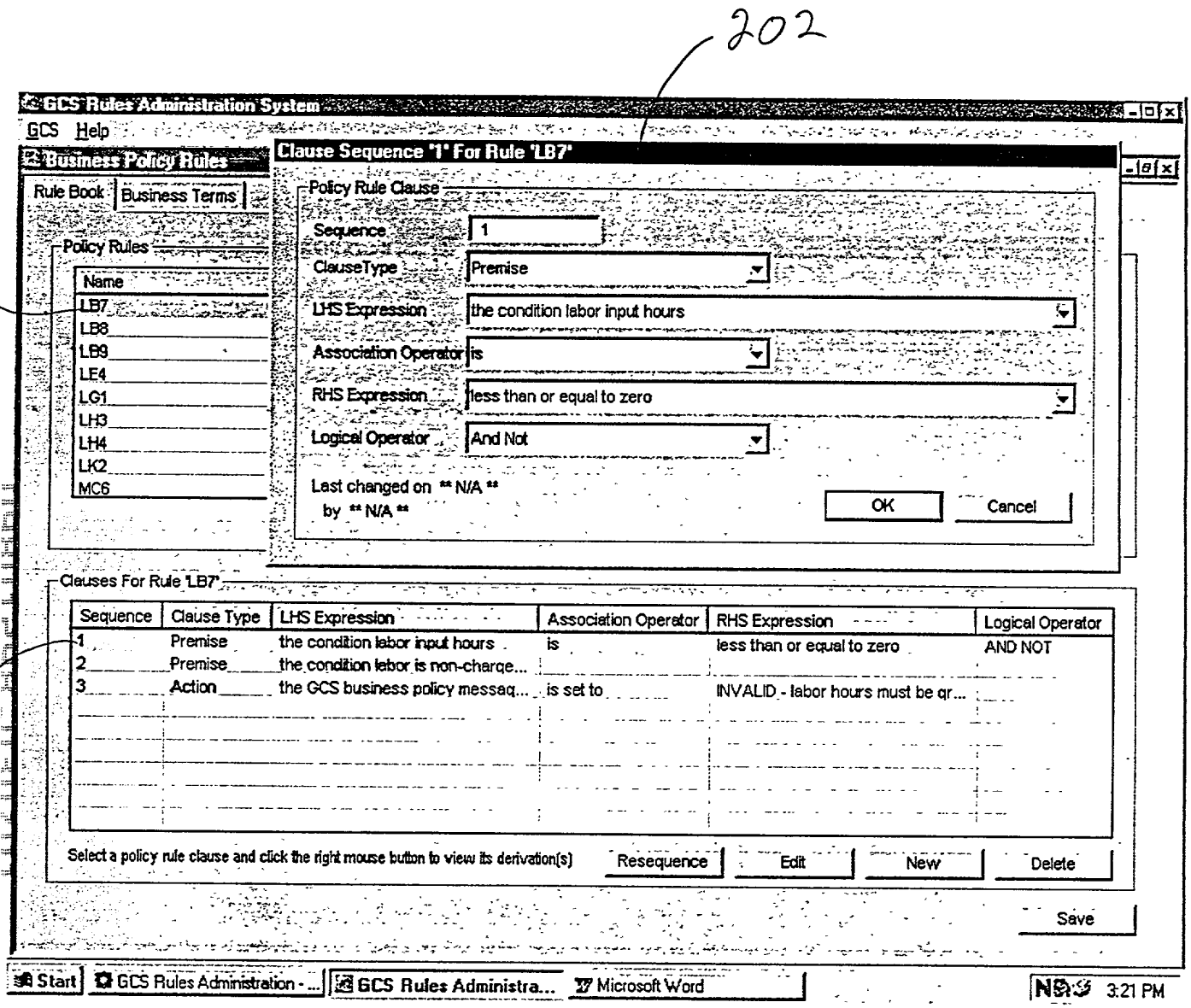
202
GCS Rules Administration System
GCS Help
Business Policy Rules
Rule Book
Business Terms
Policy Rules
Name
LB7
LB8
LB9
LE4
LG1
LH3
LH4
LK2
MC6
200
Clause Sequence '1' For Rule 'LB7'
Policy Rule Clause
Sequence 1
ClauseType Premise
LHS Expression the condition labor input hours
Association Operator is
RHS Expression less than or equal to zero
Logical Operator And Not
Last changed on ** N/A **
by ** N/A **
OK
Cancel
Clauses For Rule 'LB7'
Sequence | Clause Type | LHS Expression | Association Operator | RHS Expression | Logical Operator
1 | Premise | the condition labor input hours | is | less than or equal to zero | AND NOT
2 | Premise | the condition labor is non-charge... |
3 | Action | the GCS business policy messag... | is set to | INVALID - labor hours must be gr...
202
Select a policy rule clause and click the right mouse button to view its derivation(s)
Resequence
Edit
New
Delete
Save
Start
GCS Rules Administration - ...
GCS Rules Administra...
Microsoft Word
3:21 PM

Fig. 4

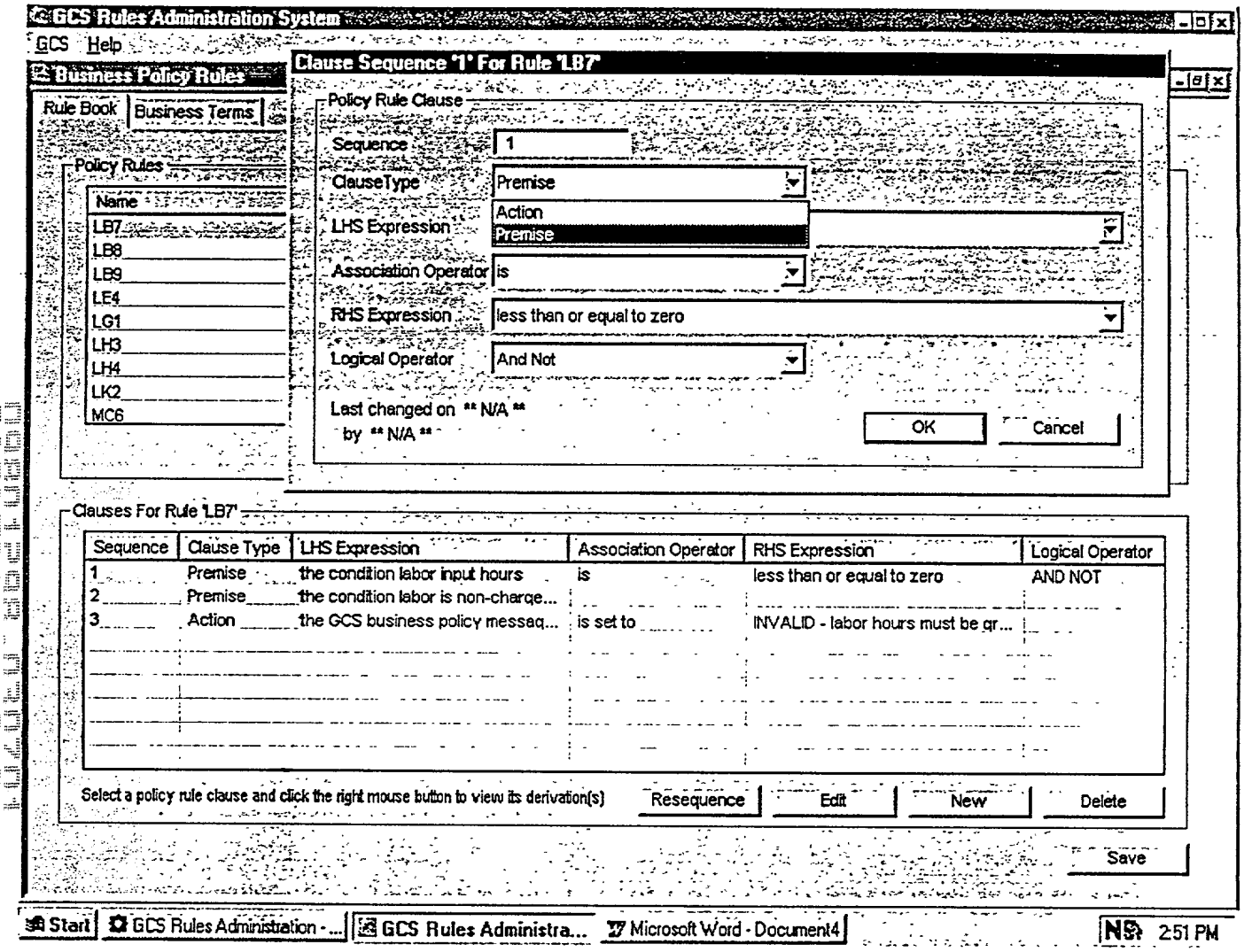
GCS Rules Administration System
GCS Help
Business Policy Rules
Rule Book
Business Terms
Policy Rules
Name
LB7
LB8
LB9
LE4
LG1
LH3
LH4
LK2
MC6
Clause Sequence '1' For Rule 'LB7'
Policy Rule Clause
Sequence 1
ClauseType Premise
Action
Premise
LHS Expression
Association Operator is
RHS Expression less than or equal to zero
Logical Operator And Not
Last changed on ** N/A **
by ** N/A **
OK
Cancel
Clauses For Rule 'LB7'
Sequence
Clause Type
LHS Expression
Association Operator
RHS Expression
Logical Operator
1 Premise the condition labor input hours is less than or equal to zero AND NOT
2 Premise the condition labor is non-charge...
3 Action the GCS business policy messag... is set to INVALID - labor hours must be gr...
Select a policy rule clause and click the right mouse button to view its derivation(s)
Resequence
Edit
New
Delete
Save
Start
GCS Rules Administration - ...
GCS Rules Administra...
Microsoft Word - Document4
2:51 PM

Fig. 5

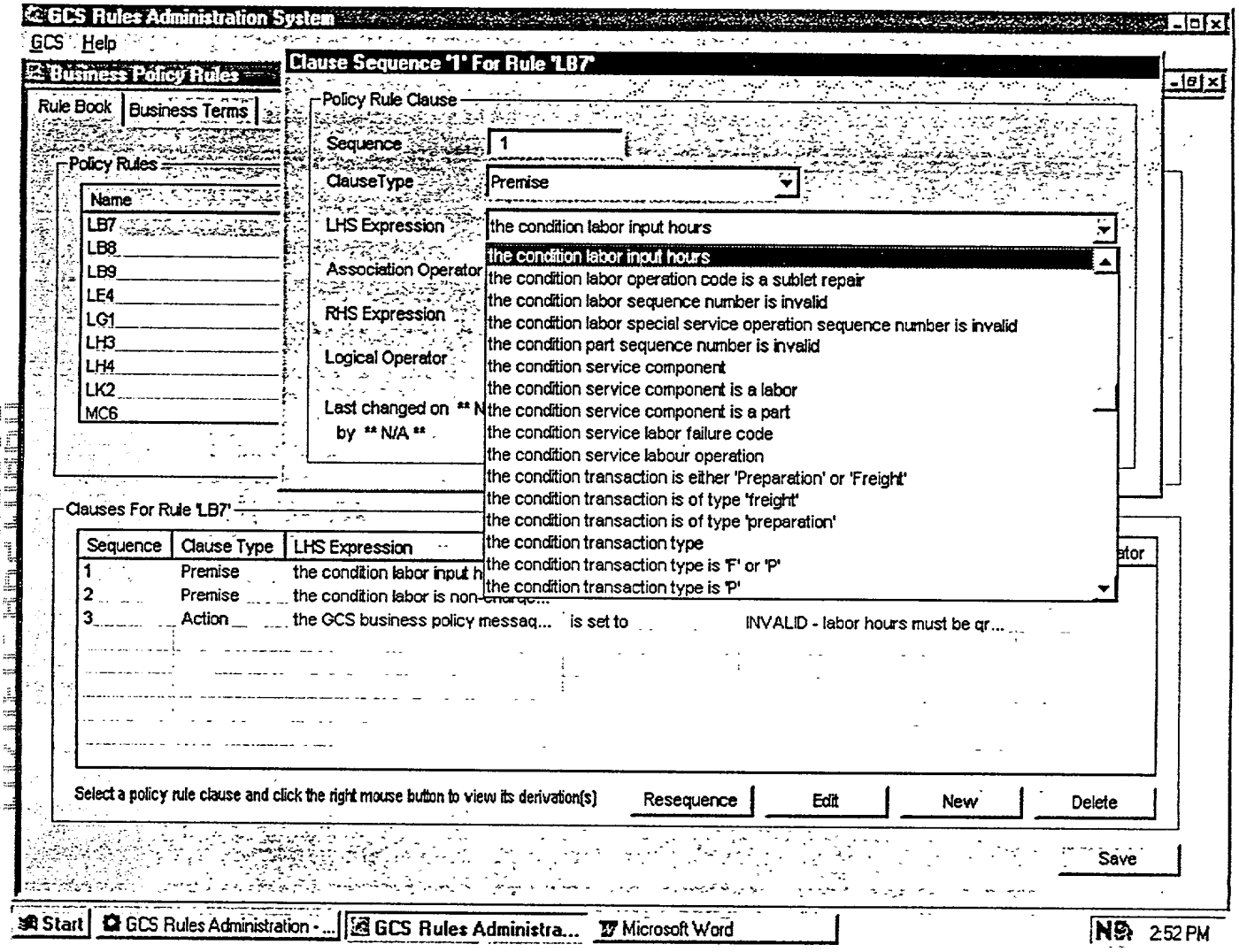
GCS Rules Administration System
GCS Help
Business Policy Rules
Rule Book
Business Terms
Policy Rules
Name
LB7
LB8
LB9
LE4
LG1
LH3
LH4
LK2
MC6
Clause Sequence '1' For Rule 'LB7'
Policy Rule Clause
Sequence
1
ClauseType
Premise
LHS Expression
the condition labor input hours
Association Operator
RHS Expression
Logical Operator
Last changed on ** N
by ** N/A **
the condition labor input hours
the condition labor operation code is a sublet repair
the condition labor sequence number is invalid
the condition labor special service operation sequence number is invalid
the condition part sequence number is invalid
the condition service component
the condition service component is a labor
the condition service component is a part
the condition service labor failure code
the condition service labour operation
the condition transaction is either 'Preparation' or 'Freight'
the condition transaction is of type 'freight'
the condition transaction is of type 'preparation'
the condition transaction type
the condition transaction type is 'F' or 'P'
the condition transaction type is 'P'
Clauses For Rule 'LB7'
Sequence
Clause Type
LHS Expression
1 Premise the condition labor input h
2 Premise the condition labor is non-
3 Action the GCS business policy messag... is set to INVALID - labor hours must be gr...
Select a policy rule clause and click the right mouse button to view its derivation(s)
Resequence
Edit
New
Delete
Save
Start
GCS Rules Administration - ...
GCS Rules Administra...
Microsoft Word
2:52 PM

Fig.6

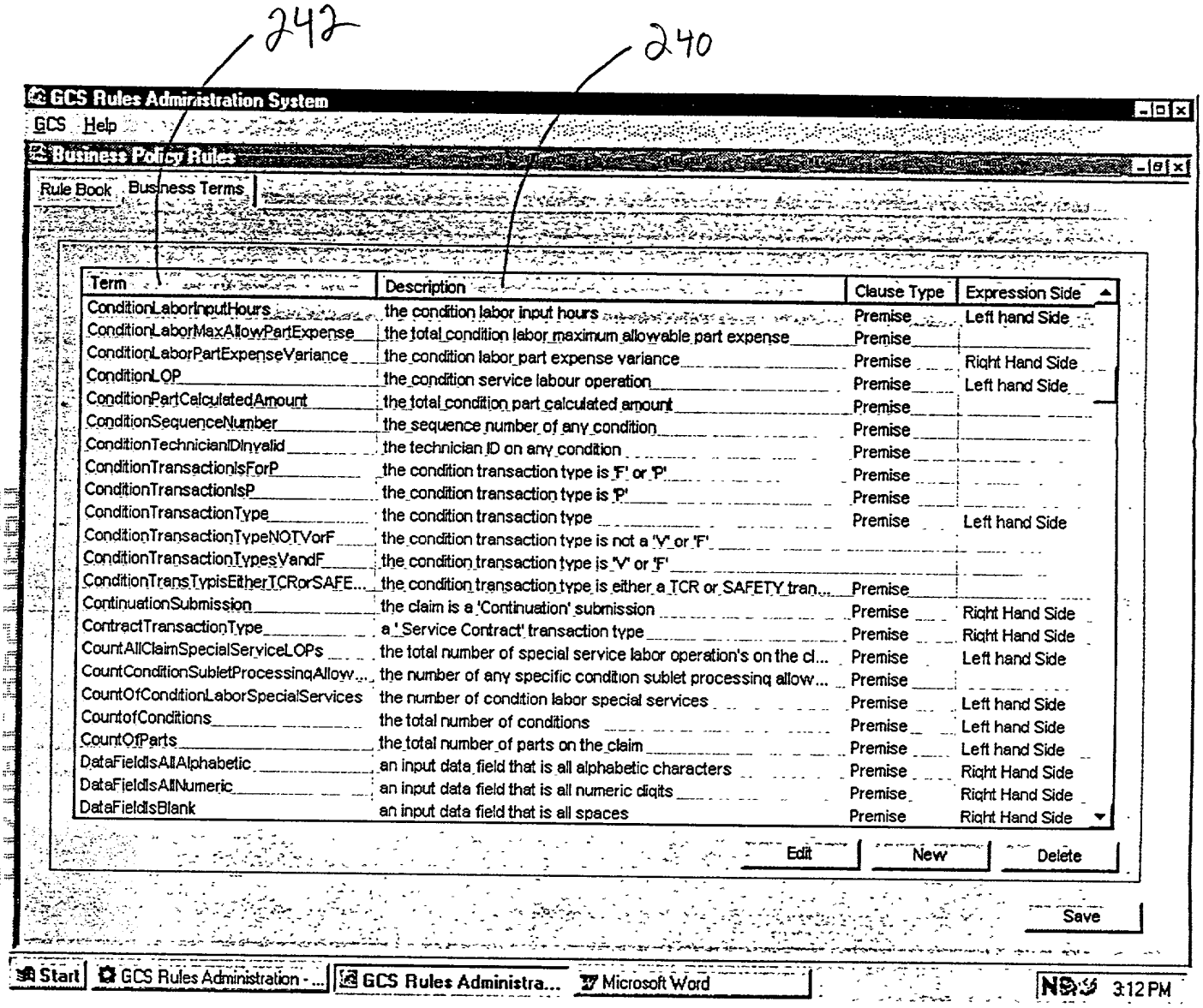
242
240
GCS Rules Administration System
GCS Help
Business Policy Rules
Rule Book
Business Terms
Term
Description
Clause Type
Expression Side
ConditionLaborInputHours
the condition labor input hours
Premise
Left hand Side
ConditionLaborMaxAllowPartExpense
the total condition labor maximum allowable part expense
Premise
ConditionLaborPartExpenseVariance
the condition labor part expense variance
Premise
Right Hand Side
ConditionLOP
the condition service labour operation
Premise
Left hand Side
ConditionPartCalculatedAmount
the total condition part calculated amount
Premise
ConditionSequenceNumber
the sequence number of any condition
Premise
ConditionTechnicianIDInvalid
the technician ID on any condition
Premise
ConditionTransactionIsForP
the condition transaction type is 'F' or 'P'
Premise
ConditionTransactionIsP
the condition transaction type is 'P'
Premise
ConditionTransactionType
the condition transaction type
Premise
Left hand Side
ConditionTransactionTypeNOTVorF
the condition transaction type is not a 'V' or 'F'
ConditionTransactionTypesVandF
the condition transaction type is 'V' or 'F'
ConditionTransTypisEitherTCRorSAFE...
the condition transaction type is either a TCR or SAFETY tran...
Premise
ContinuationSubmission
the claim is a 'Continuation' submission
Premise
Right Hand Side
ContractTransactionType
a 'Service Contract' transaction type
Premise
Right Hand Side
CountAllClaimSpecialServiceLOPs
the total number of special service labor operation's on the cl...
Premise
Left hand Side
CountConditionSubletProcessingAllow...
the number of any specific condition sublet processing allow...
Premise
CountOfConditionLaborSpecialServices
the number of condition labor special services
Premise
Left hand Side
CountofConditions
the total number of conditions
Premise
Left hand Side
CountOfParts
the total number of parts on the claim
Premise
Left hand Side
DataFieldIsAllAlphabetic
an input data field that is all alphabetic characters
Premise
Right Hand Side
DataFieldIsAllNumeric
an input data field that is all numeric digits
Premise
Right Hand Side
DataFieldIsBlank
an input data field that is all spaces
Premise
Right Hand Side
Edit
New
Delete
Save
Start
GCS Rules Administration - ...
GCS Rules Administra...
Microsoft Word
3:12 PM

Fig. 7

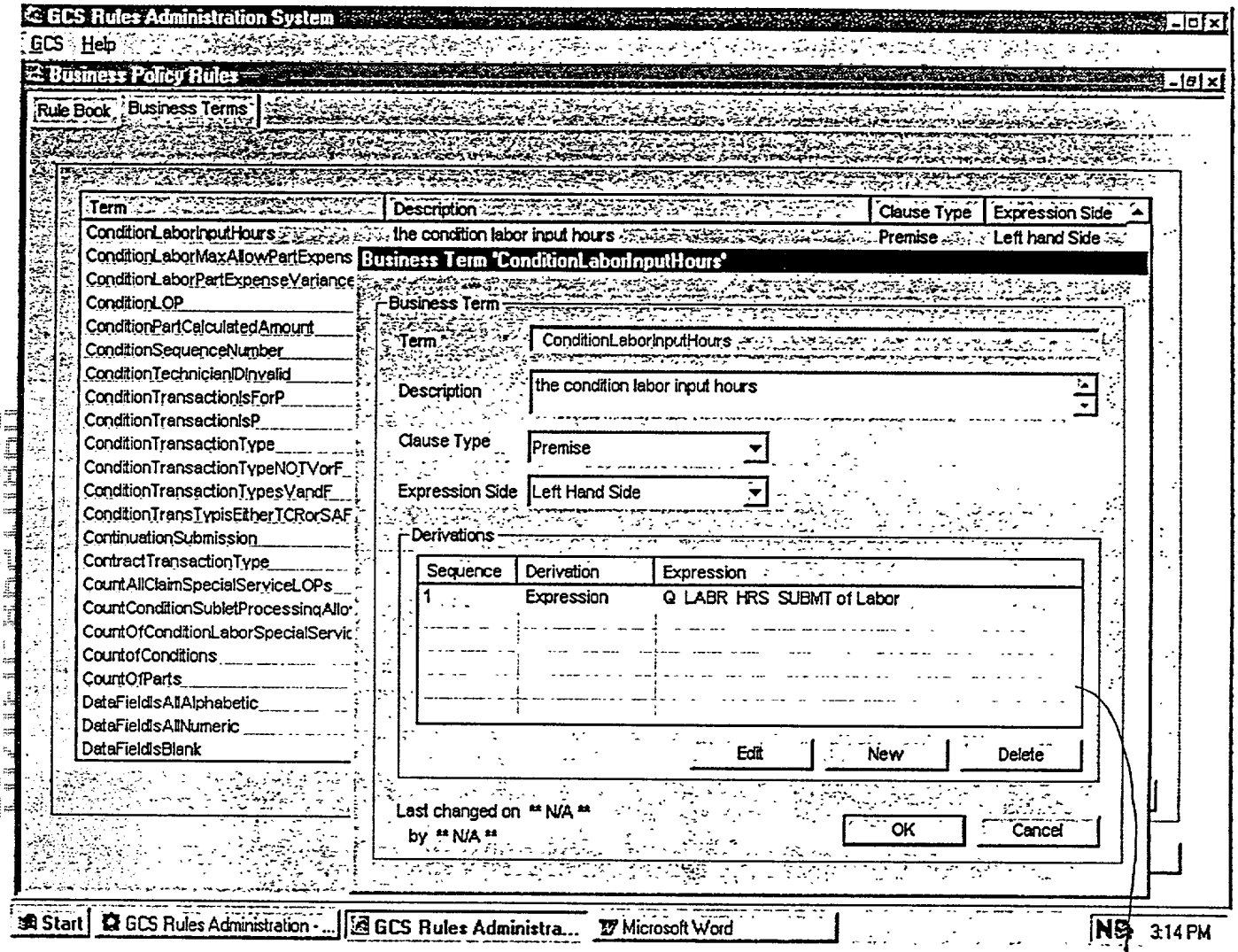
GCS Rules Administration System
GCS Help
Business Policy Rules
Rule Book
Business Terms
Term
Description
Clause Type
Expression Side
ConditionLaborInputHours
the condition labor input hours
Premise
Left hand Side
ConditionLaborMaxAllowPartExpens
ConditionLaborPartExpenseVariance
ConditionLOP
ConditionPartCalculatedAmount
ConditionSequenceNumber
ConditionTechnicianIDInvalid
ConditionTransactionIsForP
ConditionTransactionIsP
ConditionTransactionType
ConditionTransactionTypeNOTVorF
ConditionTransactionTypesVandF
ConditionTransTypisEitherTCRorSAF
ContinuationSubmission
ContractTransactionType
CountAllClaimSpecialServiceLOPs
CountConditionSubletProcessingAllo
CountOfConditionLaborSpecialServic
CountofConditions
CountOfParts
DataFieldIsAllAlphabetic
DataFieldIsAllNumeric
DataFieldIsBlank
Business Term 'ConditionLaborInputHours'
Business Term
Term *
ConditionLaborInputHours
Description
the condition labor input hours
Clause Type
Premise
Expression Side
Left Hand Side
Derivations
Sequence
Derivation
Expression
1
Expression
Q LABR HRS SUBMT of Labor
Edit
New
Delete
Last changed on ** N/A **
by ** N/A **
OK
Cancel
Start
GCS Rules Administration - ...
GCS Rules Administra...
Microsoft Word
3:14 PM

Fig. 8

250

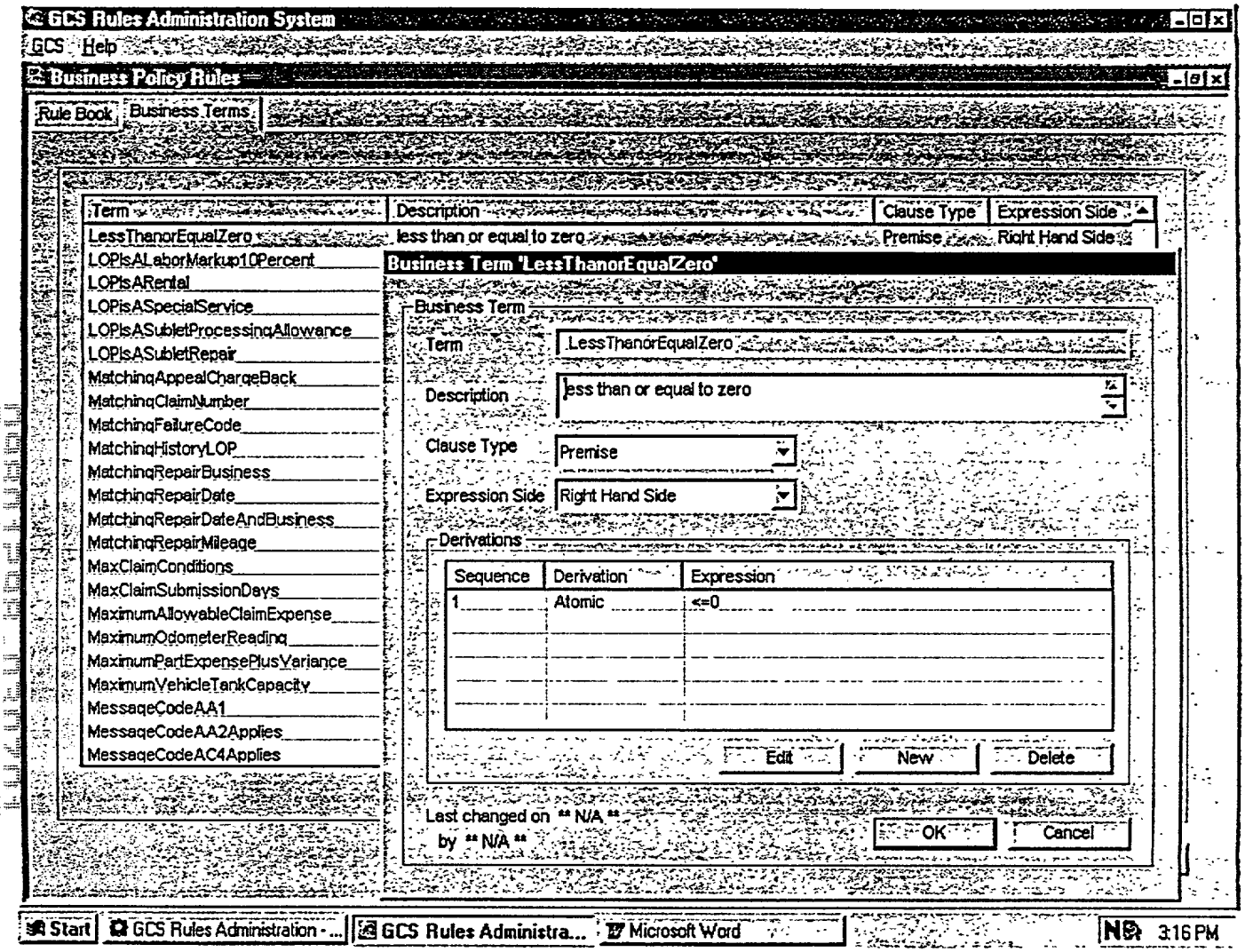
GCS Rules Administration System
GCS Help
Business Policy Rules
Rule Book
Business Terms
Term
Description
Clause Type
Expression Side
LessThanorEqualZero
less than or equal to zero
Premise
Right Hand Side
LOPIsALaborMarkup10Percent
LOPIsARental
LOPIsASpecialService
LOPIsASubletProcessingAllowance
LOPIsASubletRepair
MatchingAppealChargeBack
MatchingClaimNumber
MatchingFailureCode
MatchingHistoryLOP
MatchingRepairBusiness
MatchingRepairDate
MatchingRepairDateAndBusiness
MatchingRepairMileage
MaxClaimConditions
MaxClaimSubmissionDays
MaximumAllowableClaimExpense
MaximumOdometerReading
MaximumPartExpensePlusVariance
MaximumVehicleTankCapacity
MessageCodeAA1
MessageCodeAA2Applies
MessageCodeAC4Applies
Business Term 'LessThanorEqualZero'
Business Term
Term
LessThanorEqualZero
Description
less than or equal to zero
Clause Type
Premise
Expression Side
Right Hand Side
Derivations
Sequence
Derivation
Expression
1
Atomic
<=0
Edit
New
Delete
Last changed on ** N/A **
by ** N/A **
OK
Cancel
Start
GCS Rules Administration - ...
GCS Rules Administra...
Microsoft Word
3:16 PM

Fig. 9